



Al-Taasis Al-Saleem

Al-Taasis Al-Saleem Workbook Mathematics

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Mathematics

Exam

1

First Question 1 Choose the correct answer:

(1) $5 \times 13 = 5 \times (10 + \dots)$

(a) 3

(b) 5

(c) 2

(d) 10

(2) $(3 \times 5) \times 8 = 3 \times (\dots \times 8)$

(a) 3

(b) 5

(c) 2

(d) 8

(3) $35 \div 7 = \dots$



(a) 35

(b) 7

(c) 5

(d) 6

(4) A square has an area of 36 square cm. What is its perimeter?

(a) 24

(b) 6

(c) 16

(d) 18

(5) $\frac{2}{5} = \dots$

(a) $\frac{6}{10}$ (b) $\frac{4}{10}$ (c) $\frac{3}{7}$ (d) $\frac{4}{5}$

(6) $\frac{1}{3}$ of the number 12 = $\dots$

(a) 4

(b) 6

(c) 9

(d) 2

(7) $\frac{4}{7} + \frac{2}{7} = \dots$

(a) $\frac{1}{14}$ (b) $\frac{2}{7}$ (c) $\frac{4}{7}$ (d) $\frac{6}{7}$

(8) $\frac{11}{15} - \frac{7}{15} = \dots$

(a) $\frac{4}{15}$ (b) $\frac{4}{30}$

(c) 0

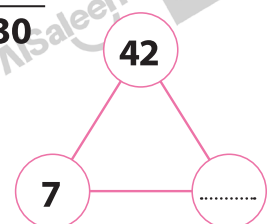
(d) $\frac{18}{30}$ (9) The missing number in the fact triangle is $\dots$

(a) 2

(b) 7

(c) 6

(d) 8



Second Question 2 Answer the following:

- (1) What fraction of the balloons remains after four balloons have popped?

(a) $\frac{2}{3}$ (b) $\frac{5}{9}$ (c) $\frac{1}{2}$ (d) $\frac{1}{3}$



- (2) Complete the missing numbers:

(a) $1 \times 10 \rightarrow 10 \leftarrow 2 \times \dots$

(b) $2 \times 10 \rightarrow \dots \leftarrow \dots \times 5$

(c) $3 \times \dots \rightarrow \dots \leftarrow 5 \times 6$

- (3) My mom left to go shopping at 8 : 15 a.m. She came back at 10 : 30 a.m.

What is the elapsed time she spent shopping?

Answer:

- (4) A rectangle has a perimeter of 12 cm and a width of 2 cm.

Find its length

2cm

Perimeter = 12cm



- (5) Arrange the following fractions on the number line:



$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \frac{2}{3}$



- (6) Write the symbolic form of the number:

Five hundred thirty-five thousand, seventeen.

.....

- (7) Discover the pattern, then complete:

$\frac{2}{5} = \frac{4}{\dots} = \frac{6}{15} = \frac{\dots}{20}$

Mathematics

Exam

2

First Question 1 Choose the correct answer:

(1) The numerical value of the digit 3 in 325,648 is

- (a) 30,000 (b) 3,000 (c) 300 (d) 300,000

(2) $7 \times 12 = 7 \times (8 + \dots)$

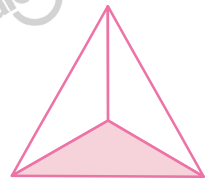
- (a) 4 (b) 5 (c) 6 (d) 3

(3) The equivalent fraction of $\frac{1}{2}$ is

- (a) $\frac{2}{4}$ (b) $\frac{3}{4}$ (c) $\frac{2}{6}$ (d) $\frac{1}{4}$

(4) The fraction representing the shaded part of the shape is

- (a) $\frac{1}{2}$ (b) $\frac{1}{3}$ (c) $\frac{1}{4}$ (d) $\frac{1}{6}$



(5) $\times 8 = 24$

- (a) 3 (b) 4 (c) 6 (d) 5

(6) $\frac{2}{5} = \frac{\dots}{20}$

- (a) 4 (b) 8 (c) 20 (d) 5

(7) The point on the number line represents

- (a) $\frac{1}{4}$ (b) $\frac{2}{5}$ (c) $\frac{3}{4}$ (d) $\frac{1}{3}$



(8) $36 \div 9 = \dots$

- (a) 36 (b) 4 (c) 3 (d) 9

(9) $\frac{1}{2} + \frac{1}{2} = \dots$

- (a) $\frac{1}{2}$ (b) 1 (c) $\frac{0}{2}$ (d) $\frac{2}{4}$

Second Question 2 Answer the following:

- (1) Which is greater: $\frac{1}{2}$ or $\frac{1}{3}$ of a juice box?



.....

- (2) The area of the shown shape is
..... cm^2 .



- (3) Noha bought a pizza and divided it into 8 equal slices.



She ate $\frac{1}{2}$ of the pizza.

How many slices did she eat?

Number of slices: slices.

- (4) Complete the following:

(a) $6 \times 0 =$

(b) $64 \div 8 =$

(c) $\frac{1}{3}$ of 21 = ...

(d) One whole = ... fifths.

- (5) Put (>), (<) or (=):

(a) $\frac{3}{15} + \frac{2}{15}$ $\frac{10}{15} - \frac{7}{15}$ (b) 250,390 250,430

- (6) Put the following fractions on a number line:

$\frac{2}{5}$, $\frac{0}{5}$, $\frac{5}{5}$, $\frac{3}{5}$



- (7) A rectangle has an area of 24 cm^2 and a length of 8 cm. **Find its width.**

Width = ...

Mathematics

Exam

3

First Question 1 Choose the correct answer:

(1) $5 \times \dots = 45$

- (a) 6 (b) 5 (c) 8 (d) 9

(2) How many fifths are in 1 whole?

- (a) 3 (b) 4 (c) 5 (d) 6

(3) $\frac{3}{8} < \dots$

- (a) $\frac{2}{8}$ (b) $\frac{3}{8}$ (c) $\frac{1}{8}$ (d) $\frac{5}{8}$

(4) $\frac{3}{4} = \dots$

- (a) $\frac{8}{10}$ (b) $\frac{9}{12}$ (c) $\frac{8}{12}$ (d) $\frac{6}{10}$

(5) $(2 \times 3) \times \dots = 24$

- (a) 6 (b) 4 (c) 5 (d) 2

(6) $42,143 = 40,000 + \dots + 100 + 40 + 3$

- (a) 20 (b) 200 (c) 2,000 (d) 2

(7) The elapsed time from 6 : 15 p.m. to 6 : 30 p.m. is minutes.

- (a) 30 (b) 15 (c) 35 (d) 45

(8) A rectangle has a length of 6 cm and a width of 2 cm. Its perimeter is cm.

- (a) 16 (b) 12 (c) 14 (d) 10

(9) The point on the number line represents

- (a) $\frac{3}{8}$ (b) $\frac{1}{3}$ (c) $\frac{2}{3}$ (d) $\frac{1}{4}$



Second Question 2 Answer the following:

- (1) Rami draws a square with a side length **8** cm. He colors half of it in red.

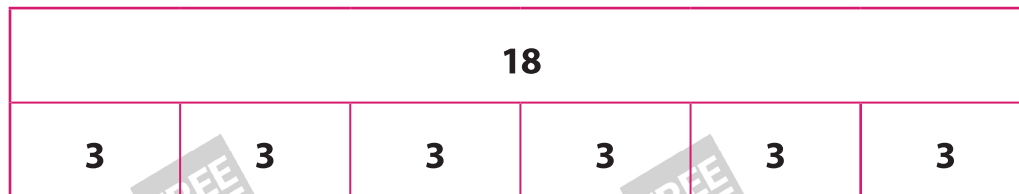


Calculate the area of the uncolored part.

The area of the uncolored part = ...

- (2) **Write the division problem represented by the bar model and find the result:**

..... ÷ = ...



- (3) **Arrange the following fractions in ascending order:**

$$\frac{1}{5}, \frac{1}{3}, \frac{1}{8}, \frac{1}{4}$$

The order is , ... , ... , ...

- (4) Mohamed wants to divide **25** oranges equally among **5** friends.



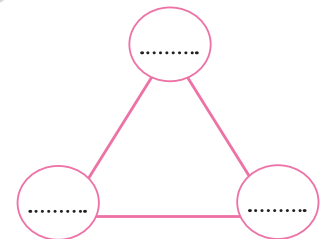
How many oranges will each friend get?

Write the fraction that represents each friend's share.

Number of oranges = ... The fraction = ...

- (5) Use the numbers **3**, **4** and **12** to write the fact family and complete the fact triangle.

$$\begin{aligned} &..... \times = ... , ... \div = ... \\ &..... \times = ... , ... \div = ... \end{aligned}$$



- (6) Write the expanded form of the number **461,532**

= + ... + ... + ... + ... + ...

- (7) In a garden, there are **8** trees. On each tree there are **4** branches, and on each branch there are **5** apples.



What is the total number of apples on all the trees?

Total number of apples = ...

Mathematics Exam 4

First Question 1 Choose the correct answer:

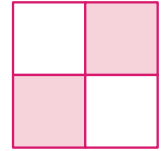
(1) The perimeter of a rectangle = ... $\times$ (length + width)

- (a) 2 (b) 3 (c) 4 (d) 1

(2) The fraction representing the shaded part of the figure is



- (a) $\frac{1}{3}$ (b) $\frac{1}{2}$ (c) $\frac{1}{4}$ (d) $\frac{1}{8}$

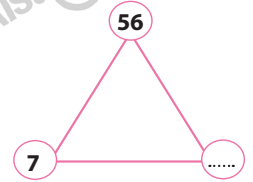


(3) $\frac{8}{12} = \frac{\dots}{3}$

- (a) 4 (b) 1 (c) 8 (d) 2

(4) The missing number in the fact triangle is

- (a) 8 (b) 7 (c) 5 (d) 6



(5) A square has a side length of 5 cm. Its area = ... cm^2

- (a) 20 (b) 10 (c) 25 (d) 30

(6) The greatest 6-digit number is

- (a) 100,000 (b) 102,345 (c) 999,999 (d) 987,654

(7) Amira has 4 bags, with 4 books in each. How many books does Amira have?



- (a) 9 (b) 20 (c) 1 (d) 16

(8) $6 \times 15 = (6 \times 10) + (6 \times \dots)$

- (a) 5 (b) 6 (c) 10 (d) 15

(9) $8 \times 9 = 9 \times \dots$

- (a) 7 (b) 8 (c) 9 (d) 10

Second Question 2 Answer the following:

(1) Using the following table, answer the questions:



Height in cm	128	130	132	134	136
Number of students	4	3	5	1	3

(a) How many students are **128** cm tall?

.....

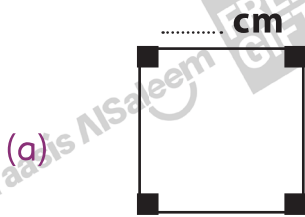
(b) How many students are taller than **132** cm?

.....

(c) How many students are shorter than **136** cm?

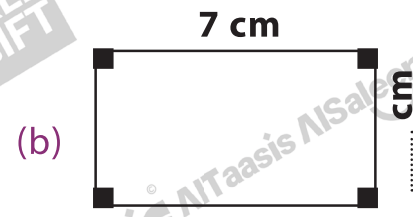
.....

(2) Find the unknown side in each shape:



Perimeter = **28** cm

.....
.....



Perimeter = **24** cm

.....
.....

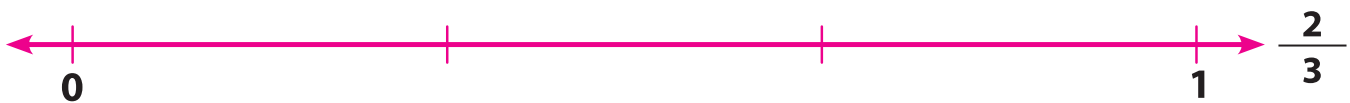
(3) If the library has **5** cupboards, each one has **2** shelves, and each shelf holds **8** books, **how many books are there in the library?**

Number of books = ...

(4) Use the distributive property to find:

$$6 \times 12 = (\dots \times 10) + (\dots \times \dots) = \dots + \dots = \dots$$

(5) Represent the first fraction on the number line, then complete the second one:



(6) The math session started at **9 : 30** a.m. and ended after 1 hour. When did it end?



End time = ...

(7) Write the largest number formed from the digits **1, 0, 8, 2** and **7**.



The number is

Mathematics

Exam 5

First Question 1 Choose the correct answer:

- (1) $4 + 4 + 4 =$
- (a) 4×4 (b) 4×3 (c) $4 + 4$ (d) $4 + 3$
- (2) $5 \times \dots = (5 \times 2) + (5 \times 6)$
- (a) 2 (b) 5 (c) 6 (d) 8
- (3) $\dots \div 8 = 4$
- (a) 2 (b) 16 (c) 32 (d) 12
- (4) The perimeter of a square is 36 cm. Its side length is cm.
- (a) 6 (b) 9 (c) 4 (d) 144
- (5) $\frac{1}{3}$ of the number 24 is
- (a) 3 (b) 8 (c) 12 (d) 6
- (6) Number of sevenths in one whole is sevenths.
- (a) three (b) five (c) seven (d) six
- (7) $600 + 10,000 + 30 + 7,000 + 4 =$
- (a) 61,374 (b) 63,174 (c) 17,634 (d) 43,671
- (8) $\frac{1}{5} > \dots$
- (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{8}$
- (9) Tarek drank 21 cups of milk in a week, how many cups did he drink each day?
- (a) 21 (b) 7 (c) 3 (d) 28

Second Question 2 Answer the following:

- (1) Find half of the area of the following rectangle

Half of the area = ...



- (2) A family went to the zoo at 2 : 00 p.m. They left the zoo at 4 : 30 p.m.



How long did the family spend at the zoo?



Start time



End time

Elapsed time:

- (3) Put (>), (<) or (=):

(a) 45,789 45,798

(b) $\frac{3}{7}$ $\frac{4}{7}$

(c) $\frac{5}{8}$ $\frac{5}{9}$

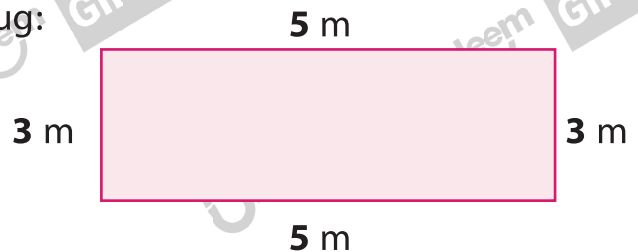
(d) $4,253 + 1,542$ $4,253 - 1,542$

(e) Half a lemon Half a watermelon



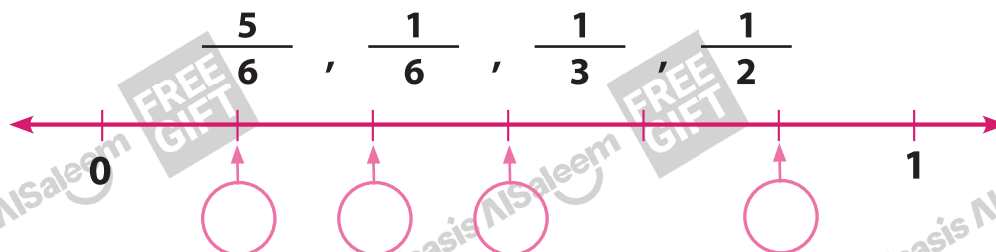
- (4) Find the perimeter of the following rectangular rug:

Perimeter = ...



- (5) Solve: (a) $36 \div 9 =$ (b) $3 \times 15 =$

- (6) Place the following fractions in their correct positions on the number line:



- (7) Use the associative property to find:

$4 \times 5 \times 10 =$

Mathematics

Exam

6

First Question 1 Choose the correct answer:

(1) $6 \times (\dots \times 8) = 6 \times 5 \times 8$

(a) 2

(b) 4

(c) 5

(d) 6

(2) The place value of the digit 3 in 132,065 is

(a) thousands

(b) ten thousands

(c) 300,000

(d) 3,000

(3) $\frac{1}{3}$ of the number 15 = ...

(a) 3

(b) 5

(c) 15

(d) 10

(4) 27 hundreds = ...

(a) 27

(b) 270

(c) 2,700

(d) 27,000

(5) $7 \times 3 = \dots$ 

(a) 7

(b) 3

(c) 4

(d) 21

(6) How many fourths are in one whole?

(a) 4

(b) 3

(c) 2

(d) 5

(7) $8 \times 9 = 8 \times (5 + \dots)$

(a) 2

(b) 3

(c) 4

(d) 5

(8) If the area of a rectangle is 20 cm² and its length is 5 cm, then its width = ... cm.

(a) 25

(b) 4

(c) 50

(d) 5

(9) $\frac{1}{3}$ $\frac{2}{6}$

(a) >

(b) <

(c) =

(d) -

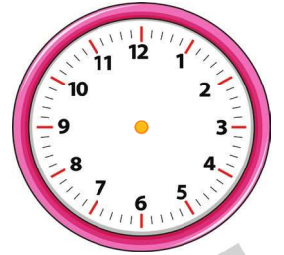
Second Question 2 Answer the following:

- (1) Samar has **4** books, and each book has **50** pages.
How many pages are there in the four books?

Number of pages = ... pages.



- (2) Draw the hands of the analog clock according to the time shown on the digital clock.



- (3) Arrange the following fractions in descending order:



$$\frac{1}{4}, \frac{1}{8}, \frac{1}{5}, \frac{1}{10}, \frac{1}{2}, \frac{1}{9}$$

The order = ... , ... , ... , ... , ... , ...

- (4) Complete the missing numbers:



(a) $\frac{3}{13} + \frac{9}{13} = \dots\dots\dots$

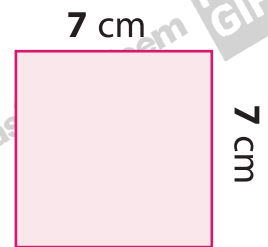
(b) $\frac{5}{7} - \frac{4}{7} = \dots\dots\dots$

(c) $\frac{3}{5} = \frac{6}{\dots\dots\dots} = \frac{\dots\dots\dots}{15} = \frac{24}{\dots\dots\dots}$

- (5) Find the area and perimeter of the square:

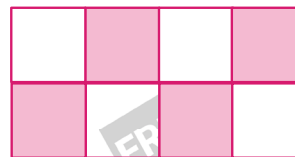
Area = ... cm²

Perimeter = ... cm



- (6) The fraction that represents the colored part is:

The fraction is: $\frac{\dots\dots\dots}{\dots\dots\dots}$



- (7) Write the smallest number formed from the digits: **2, 8, 1, 5** and **6**

The smallest number is:

Mathematics

Exam

7

First Question 1 Choose the correct answer:

(1) $\frac{3}{9} + \frac{2}{9} = \dots\dots\dots$

(a) $\frac{1}{9}$

(b) $\frac{5}{9}$

(c) $\frac{5}{18}$

(d) $\frac{5}{10}$

(2) $8 \times 2 = \dots\dots\dots$

(a) $8 + 8$

(b) $8 + 2$

(c) $2 + 2$

(d) 4×2

(3) The numerical value of the digit 2 in 732,154 is $\dots\dots\dots$

(a) 200

(b) 2,000

(c) 20,000

(d) 20

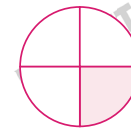
(4) The fraction that represents the colored part is $\dots\dots\dots$ 

(a) $\frac{1}{4}$

(b) $\frac{1}{8}$

(c) $\frac{1}{2}$

(d) $\frac{1}{3}$

(5) Number of sixths in one whole is $\dots\dots\dots$ 

(a) Three sixths

(b) Four sixths

(c) Five sixths

(d) six sixths

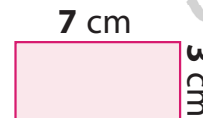
(6) $6 \times 13 = (\dots\dots\dots \times 3) \times 13$

(a) 2

(b) 3

(c) 1

(d) 6

(7) The area of the rectangle = $\dots\dots\dots \text{ cm}^2$ 

(a) 20

(b) 10

(c) 21

(d) 4

(8) $\frac{24}{36} = \frac{4}{\dots\dots\dots}$

(a) 4

(b) 3

(c) 5

(d) 6

(9) $5 \times 13 = 5 \times (7 + \dots\dots\dots)$

(a) 4

(b) 5

(c) 6

(d) 3

Second Question 2 Answer the following:

(1) Solve: $2 \times 5 \times 3 =$

(2) Write the fact family for the numbers **7, 5** and **35**:

$$\begin{array}{l} \dots \times \dots = \dots \qquad \dots \div \dots = \dots \\ \dots \times \dots = \dots \qquad \dots \div \dots = \dots \end{array}$$

(3) If the side length of a square is **9** cm, then its area is cm^2 .

(4) Karim had $\frac{7}{8}$ of a bar of chocolate. He gave $\frac{4}{8}$ of it to his brother.



How much does he have left?

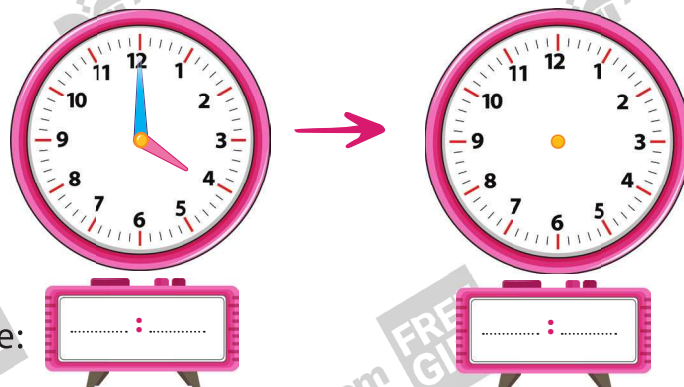
.....

(5) Represent the following fractions on the number lines, then compare using $<$, $>$ or $=$:

$$\frac{1}{5} \quad \square \quad \frac{3}{10}$$



(6) Draw the hands of the analog clock and write the digital time that is two hours after start time.



Start time:

(7) There are **6** boxes, each box contains **9** bottles.

What is the total number of bottles in the boxes?

.....

Mathematics

Exam

8

First Question

1

Choose the correct answer:

(1) Number of halves in one whole is halves.

(a) 1

(b) 2

(c) 3

(d) 4

(2) $\frac{1}{3}$ of the number 18 is

(a) 4

(b) 6

(c) 8

(d) 2

(3) $7 \times 12 = 7 \times (9 + \dots)$

(a) 4

(b) 5

(c) 6

(d) 3

(4) $\frac{3}{7} < \dots$ (a) $\frac{3}{9}$ (b) $\frac{3}{7}$ (c) $\frac{3}{5}$ (d) $\frac{3}{8}$

(5) If the time now is 9:45 a.m, then the time 2 hours ago was

(a) 9:43

(b) 8:45

(c) 7:45

(d) 9:25

(6) $7 \times 4 = \dots$

(a) 7

(b) 28

(c) 4

(d) 21

(7) eighths = $\frac{3}{8}$

(a) 8

(b) 3

(c) 4

(d) 1

(8) A rectangle has a length of 5 cm and a width of 3 cm. Its area = ... cm^2

(a) 15

(b) 16

(c) 8

(d) 3

(9) $8 \times (5 \times \dots) = (8 \times 5) \times 6$

(a) 5

(b) 6

(c) 8

(d) 30

Second Question 2 Answer the following questions:

- (1) Khalid ate $\frac{3}{7}$ of a pie, and Basma ate $\frac{3}{5}$ of the same-sized pie



Who ate more? Show your answer on the number line

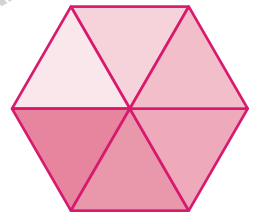


- (2) A piece of land in the shape of a rectangle its area is 40 m^2 and its length is 8 m .
Find the width and the perimeter of the rectangle.

The width = ...

The perimeter = ...

- (3) Write the unit fraction that represents each part of the following shape.



- (4) Arrange the following numbers in ascending order:



23876 , 15306 , 24786 , 24867 , 1536

.....

- (5) A teacher distributed **24** pens equally among **6** students.

How many pens did each student get? What is the fraction of each one get?

.....

- (6) Divide the clock into the fractional parts shown below it.



Thirds

.....

- (7) Mona has **500** L.E., She bought meat for **275** L.E. and vegetables for **125** L.E.



How much money does she have left?

.....

Mathematics

Exam

9

First Question

1

Choose the correct answer:

(1) $21 \times 15 \times 32 = \dots \times 15 \times 32$

(a) 15

(b) 32

(c) 21

(d) 23

(2) $\frac{1}{4} \boxed{\dots} \frac{1}{5}$

(a) >

(b) <

(c) =

(d) -

(3) $\dots + \frac{2}{5} = 1$

(a) $\frac{2}{5}$ (b) $\frac{3}{5}$ (c) $\frac{1}{5}$ (d) $\frac{0}{5}$

(4) $\frac{1}{2} = \frac{\dots}{6}$

(a) 2

(b) 1

(c) 3

(d) 4

(5) $20 \div 5 = \dots$

(a) 5

(b) 10

(c) 4

(d) 6

(6) $33,002 > \dots$

(a) 30,322

(b) 33,200

(c) 34,004

(d) 35,200

(7) $8 \times 3 = \dots$

(a) 7

(b) 3

(c) 4

(d) 24

(8) Which shape represents the fraction $\frac{1}{2}$?

(9) If the perimeter of a rectangle is 12 cm and width 2 cm, then its length is cm.



(a) 4

(b) 6

(c) 10

(d) 14

Second Question 2 Answer the following questions:

- (1) Ahmed bought 3 packs of biscuits, each pack contains 12 pieces.



How many pieces did Ahmed buy?

Total number of pieces = ... pieces.

- (2) Write the equivalent fraction for $\frac{1}{3}$ by dividing the number line into 6 equal parts.



- (3) A square room has an area of 64 m^2 . Find the side length and perimeter.

.....

- (4) Find the perimeter of a rectangle with length 9 cm and width 3 cm.

.....

- (5) Mazen started to do his homework at 4 : 00 p.m. and finished it at 5 : 30.

Calculate the elapsed time he spent doing his homework.



Elapsed time:

- (6) There are 28 crayons in the class. They must be distributed equally among 4 cups.

How many crayons should be put in each cup?

Number of crayons = ...

- (7) Find $\frac{1}{2}$ of the number 16 ?



.....

Mathematics

Exam 10

First Question 1 Choose the correct answer:

(1) The greatest 5-digit number using 4, 5, 1, 0 and 2 is

- (a) 20154 (b) 54210 (c) 45201 (d) 52104

(2) Which fraction is the smallest?

- (a) $\frac{1}{2}$ (b) $\frac{1}{4}$ (c) $\frac{1}{3}$ (d) $\frac{1}{5}$

(3) Two fifths = ...

- (a) $\frac{1}{5}$ (b) $\frac{2}{5}$ (c) $\frac{3}{5}$ (d) $\frac{4}{5}$

(4) $\frac{3}{9} + \frac{4}{9} = \dots\dots\dots$

- (a) $\frac{1}{9}$ (b) $\frac{2}{9}$ (c) $\frac{7}{9}$ (d) $\frac{5}{9}$

(5) $16 \div \dots\dots\dots = 8$



- (a) 2 (b) 3 (c) 4 (d) 8

(6) $3 \times 5 \times \dots\dots\dots = 30$

- (a) 2 (b) 3 (c) 4 (d) 5

(7) The elapsed time between the two clocks

1 : 40



2 : 40

- (a) Half hour (b) 50 minutes (c) 1 hour (d) 55 minutes

(8) $\frac{1}{7} = \frac{6}{\dots\dots\dots}$

- (a) 21 (b) 35 (c) 42 (d) 49

(9) The area of a square with side length 6 cm is cm^2 .

- (a) 24 (b) 36 (c) 18 (d) 30

Second Question 2 Answer the following:

- (1) Reem walks $\frac{1}{3}$ an hour every day.

How many minutes does Reem spend walking?

.....

- (2) **Which is heavier:** half a gram or half a kilogram?

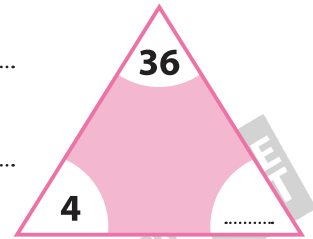


.....

- (3) Find the missing factor in the following fact triangle, then write the fact family for the numbers.

..... $\times$ = ... $\div$ = ...

..... $\times$ = ... $\div$ = ...



- (4) Gana draws a rectangle with length 5cm and width 3cm. Find its area & perimeter

.....

- (5) Draw a number line, divide it into sixths, then mark the equivalent fraction to $\frac{1}{2}$

- (6) Eyad bought **6** packs of chocolate.

The price of each pack is **8** pounds. He had **10** pounds left.

How much money did Eyad have ?

.....

- (7) Complete the table, then represent the data using a bar graph:

Weight (kg)	Tally	Number
20		
21		
22		
23		
24		

Weight of children in class



Model Answers

Exam (1)

First Question:

(1) a (2) b (3) c (4) a (5) b (6) a (7) d (8) a (9) c

Second Question:

(1) b (2) Answer by yourself.
 (3) 2 hours, 15 minutes. (4) $L + W = 12 \div 2 = 6$, $L = 6 - 2 = 4$ cm
 (5) $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{2}{3}$ (6) 535,017
 (7) $\frac{2}{5} = \frac{4}{10} = \frac{6}{15} = \frac{8}{20}$

Exam (2)

First Question:

(1) d (2) a (3) a (4) b (5) a (6) b (7) b (8) b (9) b

Second Question:

(1) $\frac{1}{2}$ (2) Area = $L \times W = 5 \times 4 = 20$ cm²
 (3) $\frac{1}{2}$ of 8 = $8 \div 2 = 4$
 (4) (a) 0 (b) 8 (c) 7 (d) 5 (5) (a) > (b) <
 (6) $\frac{0}{5}, \frac{2}{5}, \frac{3}{5}, \frac{5}{5}$ (7) $W = A \div L = 24 \div 8 = 3$ cm

Exam (3)

First Question:

(1) d (2) c (3) d (4) b (5) b (6) c (7) b (8) a (9) b

Second Question:

(1) $A = 8 \times 8 = 64$ cm², half = 32 cm²
 (2) $18 \div 6 = 3$ (3) $\frac{1}{8}, \frac{1}{5}, \frac{1}{4}, \frac{1}{3}$
 (4) $25 \div 5 = 5$, fraction: $\frac{5}{25} = \frac{1}{5}$ (5) Answer by yourself.
 (6) $400,000 + 60,000 + 1,000 + 500 + 30 + 2$
 (7) $8 \times (4 \times 5) = 8 \times 20 = 160$ apples

Exam (4)

First Question:

(1) a (2) b (3) d (4) a (5) c (6) c (7) d (8) a (9) b

Second Question:

(1) (a) 4 (b) 4 (c) 13
 (2) (a) side length = $28 \div 4 = 7$ (b) Answer by yourself.
 (3) $(5 \times 2) \times 8 = 10 \times 8 = 80$ books.
 (4) $6 \times 12 = (6 \times 10) + (6 \times 2) = 60 + 12 = 72$ (5) $\frac{4}{6}$
 (6) $9:30 + 1 \text{ hr} = 10:30$ (7) 87,210

Exam (5)

First Question:

(1) b (2) d (3) c (4) b (5) b (6) c (7) c (8) d (9) c

Second Question:

(1) $A \div 2 = (8 \times 2) \div 2 = 16 \div 2 = 8$ cm²
 (2) From 2:00 to 4:30, Elapsed time: 2 hours, 30 minutes
 (3) (a) < (b) < (c) > (d) > (d) <

(4) $2 \times (L + W) = 2 \times (5 + 3) = 2 \times 8 = 16$ cm(5) (a) 4 (b) 45 (6) $\frac{1}{6}, \frac{1}{3}, \frac{1}{2}, \frac{5}{6}$ (7) $(4 \times 5) \times 10 = 20 \times 10 = 200$

Exam (6)

First Question:

(1) c (2) b (3) b (4) c (5) d (6) a (7) c (8) b (9) c

Second Question:

(1) $4 \times 50 = 200$ (2) Answer by yourself.
 (3) $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{1}{8}, \frac{1}{9}, \frac{1}{10}$
 (4) (a) $\frac{12}{13}$ (b) $\frac{1}{7}$ (c) $\frac{3}{5} = \frac{6}{10} = \frac{9}{15} = \frac{24}{40}$
 (5) $A = 7 \times 7 = 49$ cm², $P = 7 \times 4 = 28$ cm
 (6) $\frac{4}{8} = \frac{1}{2}$ (7) 12,568

Exam (7)

First Question:

(1) b (2) a (3) b (4) a (5) d (6) a (7) c (8) d (9) c

Second Question:

(1) $(2 \times 5) \times 3 = 10 \times 3 = 30$ (2) Answer by yourself.
 (3) 81 cm² (4) $\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$ (5) $\frac{1}{5} < \frac{3}{10}$
 (6) 4:00 $\longrightarrow$ 6:00 (7) $6 \times 9 = 54$ bottles

Exam (8)

First Question:

(1) b (2) b (3) d (4) c (5) c (6) b (7) b (8) a (9) b

Second Question:

(1) Basma $\frac{3}{5} > \frac{3}{7}$ (2, 3, 4) Answer by yourself.
 (5) $24 \div 6 = 4$, fraction $\frac{4}{24} = \frac{1}{6}$ (6) Answer by yourself.
 (7) $275 + 125 = 400$ L.E., left money = $500 - 400 = 100$ L.E.

Exam (9)

First Question:

(1) c (2) a (3) b (4) c (5) c (6) a (7) d (8) b (9) a

Second Question:

(1) $3 \times 12 = 36$ (2) $\frac{2}{6}$
 (3) Answer by yourself. (4) $(9 + 3) + (9 + 3) = 12 + 12 = 24$ cm
 (5) Elapsed time = 1 hr and 30 min.
 (6) $28 \div 4 = 7$ crayons. (7) $\frac{1}{2} \times 16 = 16 \div 2 = 8$

Exam (10)

First Question:

(1) b (2) d (3) b (4) c (5) a (6) a (7) c (8) c (9) b

Second Question:

(1) $\frac{1}{3}$ of 60 = $60 \div 3 = 20$ min. (2) half a kilogram
 (3) Answer by yourself.
 (4) $A = 5 \times 3 = 15$ cm², $P = 2 \times (5 + 3) = 2 \times 8 = 16$ cm
 (5) $\frac{3}{6}$ (6, 7) Answer by yourself.

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حمل التطبيق الآن



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ملازم ثانوي



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